

Capture CIS Standard Bill Of Materials - Standard separate line per part

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Projekt name = Gateway w. Contacts/KLF200

Commodity no. (PCB no.) = 835336

Edition = 04

Created. date = 02.06.2014

Part Reference	PART_NUMBER	Value	Description
C100	830660	100nF	CAP,X7R,100nF,10%,50V,0603
C101	836120	10nF	CAP,X7R,10nF,10%,25V,0402
C102	836009	4.7uF	CAP,X5R,4.7uF,10%,6.3V,0603
C103	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C104	861035	1nF	CAP,X7R,1nF,5%,500V,1206
C105	836120	10nF	CAP,X7R,10nF,10%,25V,0402
C106	830660	100nF	CAP,X7R,100nF,10%,50V,0603
C107	830660	100nF	CAP,X7R,100nF,10%,50V,0603
C108	836120	10nF	CAP,X7R,10nF,10%,25V,0402
C109	830660	100nF	CAP,X7R,100nF,10%,50V,0603
C110	836120	10nF	CAP,X7R,10nF,10%,25V,0402
C111	836120	10nF	CAP,X7R,10nF,10%,25V,0402
C112	830660	100nF	CAP,X7R,100nF,10%,50V,0603
C113	836120	10nF	CAP,X7R,10nF,10%,25V,0402
C114	830660	100nF	CAP,X7R,100nF,10%,50V,0603
C115	830660	100nF	CAP,X7R,100nF,10%,50V,0603
C116	836120	10nF	CAP,X7R,10nF,10%,25V,0402
C117	836120	10nF	CAP,X7R,10nF,10%,25V,0402
C118	830660	100nF	CAP,X7R,100nF,10%,50V,0603
C119	830660	100nF	CAP,X7R,100nF,10%,50V,0603
C120	836120	10nF	CAP,X7R,10nF,10%,25V,0402
C121	836120	10nF	CAP,X7R,10nF,10%,25V,0402
C122	830660	100nF	CAP,X7R,100nF,10%,50V,0603
C123	836178	10uF	CAP,X5R,10uF,10%,6.3V,0603
C124	836072	1uF	CAP,X5R,1uF,10%,6.3V,0402
C200	831082	1uF	CAP,X5R,1uF,10%,25V,0603
C201	836072	1uF	CAP,X5R,1uF,10%,6.3V,0402
C202	836072	1uF	CAP,X5R,1uF,10%,6.3V,0402
C203	836072	1uF	CAP,X5R,1uF,10%,6.3V,0402
C204	836072	1uF	CAP,X5R,1uF,10%,6.3V,0402
C205	861148	10pF	CAP,NPO,10pF,5%,50V,0402
C206	861148	10pF	CAP,NPO,10pF,5%,50V,0402
C207	836107	12pF	CAP,NPO,12pF,5%,50V,0402
C208	836107	12pF	CAP,NPO,12pF,5%,50V,0402
C209	861154	100pF	CAP,NPO,100pF,5%,50V,0402
C210	836072	1uF	CAP,X5R,1uF,10%,6.3V,0402
C211	836078	100uF	CAP,X5R,100uF,20%,6.3V,1210
C212	861154	100pF	CAP,NPO,100pF,5%,50V,0402
C300	836323	6.8nF	CAP,X7R,6.8nF,10%,50V,0402
C301	836323	6.8nF	CAP,X7R,6.8nF,10%,50V,0402
C302	836009	4.7uF	CAP,X5R,4.7uF,10%,6.3V,0603
C303	861031	22nF	CAP,X7R,22nF,10%,50V,0603

C304	939076	10nF	CAP,X7R,10nF,10%,50V,0603
C305	836120	10nF	CAP,X7R,10nF,10%,25V,0402
C306	861148	10pF	CAP,NPO,10pF,5%,50V,0402
C307	861148	10pF	CAP,NPO,10pF,5%,50V,0402
C308	861035	1nF	CAP,X7R,1nF,5%,500V,1206
C309	861035	1nF	CAP,X7R,1nF,5%,500V,1206
C400	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C401	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C402	861154	100pF	CAP,NPO,100pF,5%,50V,0402
C403	861154	100pF	CAP,NPO,100pF,5%,50V,0402
C404	861154	100pF	CAP,NPO,100pF,5%,50V,0402
C500	831082	1uF	CAP,X5R,1uF,10%,25V,0603
C502	831082	1uF	CAP,X5R,1uF,10%,25V,0603
C503	861035	1nF	CAP,X7R,1nF,5%,500V,1206
C504	939094	100uF	CAP,Aluminum,100uF,20%,10V,6.3X5.5
C505	939094	100uF	CAP,Aluminum,100uF,20%,10V,6.3X5.5
C506	939094	100uF	CAP,Aluminum,100uF,20%,10V,6.3X5.5
C507	836078	100uF	CAP,X5R,100uF,20%,6.3V,1210
C508	836009	4.7uF	CAP,X5R,4.7uF,10%,6.3V,0603
C509	836009	4.7uF	CAP,X5R,4.7uF,10%,6.3V,0603
C510	836009	4.7uF	CAP,X5R,4.7uF,10%,6.3V,0603
C511	836009	4.7uF	CAP,X5R,4.7uF,10%,6.3V,0603
C512	836072	1uF	CAP,X5R,1uF,10%,6.3V,0402
C513	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C514	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C515	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C516	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C517	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C518	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C519	939076	10nF	CAP,X7R,10nF,10%,50V,0603
C520	836120	10nF	CAP,X7R,10nF,10%,25V,0402
C521	836120	10nF	CAP,X7R,10nF,10%,25V,0402
C522	836120	10nF	CAP,X7R,10nF,10%,25V,0402
C523	836120	10nF	CAP,X7R,10nF,10%,25V,0402
C524	865307	2.2nF	CAP,X7R,2.2nF,10%,50V,0402
C525	865307	2.2nF	CAP,X7R,2.2nF,10%,50V,0402
C526	865307	2.2nF	CAP,X7R,2.2nF,10%,50V,0402
C527	865307	2.2nF	CAP,X7R,2.2nF,10%,50V,0402
C528	865307	2.2nF	CAP,X7R,2.2nF,10%,50V,0402
C529	865307	2.2nF	CAP,X7R,2.2nF,10%,50V,0402
C530	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C535	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C536	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C537	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C700	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C701	836004	2.2uF	CAP,X5R,2.2uF,10%,10V,0603
C702	836004	2.2uF	CAP,X5R,2.2uF,10%,10V,0603
C703	861154	100pF	CAP,NPO,100pF,5%,50V,0402
C704	830727	56pF	CAP,NPO,56pF,5%,50V,0402
C705	836107	12pF	CAP,NPO,12pF,5%,50V,0402

C706	836107	12pF	CAP,NP0,12pF,5%,50V,0402
C707	861148	10pF	CAP,NP0,10pF,5%,50V,0402
C708	861148	10pF	CAP,NP0,10pF,5%,50V,0402
C709	836009	4.7uF	CAP,X5R,4.7uF,10%,6.3V,0603
C710	865313	4.7nF	CAP,X7R,4.7nF,10%,50V,0603
C801	836072	1uF	CAP,X5R,1uF,10%,6.3V,0402
C802	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C803	861158	15pF	CAP,NP0,15pF,5%,25V,0402
C804	861158	15pF	CAP,NP0,15pF,5%,25V,0402
C805	836072	1uF	CAP,X5R,1uF,10%,6.3V,0402
C806	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C807	861156	39pF	CAP,NP0,39pF,5%,25V,0402
C808	836196	1nF	CAP,NP0,1nF,5%,50V,0402
C809	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C810	836072	1uF	CAP,X5R,1uF,10%,6.3V,0402
C811	836197	27pF	CAP,NP0,27pF,5%,50V,0402
C812	836196	1nF	CAP,NP0,1nF,5%,50V,0402
C813	836198	18pF	CAP,NP0,18pF,5%,50V,0402
C814	836196	1nF	CAP,NP0,1nF,5%,50V,0402
C815	861264	100nF	CAP,X5R,100nF,10%,10V,0402
C816	835413	1 pF	CAP,C0G,1 pF,+0.1pF,50 V,0402
D100	835496	ACPL_217	IC,Optocoupler,Opto,ACPL_217,1.2V
D101	932954	MBR 0540	DIO,Schottky,,MBR 0540,500mA,40V,SO
D102	939343	BZV55B5V1	DIO,Zener,,BZV55B5V1,,5.1V,SOD80C
D103	944013	MCL4148	DIO,Standard,High speed,MCL4148,150n
D104	835496	ACPL_217	IC,Optocoupler,Opto,ACPL_217,1.2V
D105	944013	MCL4148	DIO,Standard,High speed,MCL4148,150n
D106	932954	MBR 0540	DIO,Schottky,,MBR 0540,500mA,40V,SO
D107	835496	ACPL_217	IC,Optocoupler,Opto,ACPL_217,1.2V
D108	944013	MCL4148	DIO,Standard,High speed,MCL4148,150n
D109	932954	MBR 0540	DIO,Schottky,,MBR 0540,500mA,40V,SO
D110	835496	ACPL_217	IC,Optocoupler,Opto,ACPL_217,1.2V
D111	944013	MCL4148	DIO,Standard,High speed,MCL4148,150n
D112	835496	ACPL_217	IC,Optocoupler,Opto,ACPL_217,1.2V
D113	944013	MCL4148	DIO,Standard,High speed,MCL4148,150n
D114	835496	ACPL_217	IC,Optocoupler,Opto,ACPL_217,1.2V
D115	932954	MBR 0540	DIO,Schottky,,MBR 0540,500mA,40V,SO
D116	944013	MCL4148	DIO,Standard,High speed,MCL4148,150n
D117	835496	ACPL_217	IC,Optocoupler,Opto,ACPL_217,1.2V
D118	944013	MCL4148	DIO,Standard,High speed,MCL4148,150n
D119	835496	ACPL_217	IC,Optocoupler,Opto,ACPL_217,1.2V
D120	932954	MBR 0540	DIO,Schottky,,MBR 0540,500mA,40V,SO
D121	944013	MCL4148	DIO,Standard,High speed,MCL4148,150n
D122	835496	ACPL_217	IC,Optocoupler,Opto,ACPL_217,1.2V
D123	944013	MCL4148	DIO,Standard,High speed,MCL4148,150n
D124	835496	ACPL_217	IC,Optocoupler,Opto,ACPL_217,1.2V
D125	932954	MBR 0540	DIO,Schottky,,MBR 0540,500mA,40V,SO
D126	944013	MCL4148	DIO,Standard,High speed,MCL4148,150n
D200	932954	MBR 0540	DIO,Schottky,,MBR 0540,500mA,40V,SO
D300	832221	PESD5V0U2BT	DIO,Schottky,ESD protection differential

D301	832221	PESD5V0U2BT	DIO,Schottky,ESD protection differential
D401	832704	KPBA-3010ESGC-F01	DIO,LED,Red Green,KPBA-3010ESGC-F01
D402	832085	HSMF-C113	DIO,LED,RGB 90 degree,HSMF-C113,20m
D500	833119	NUP3115UPMU	DIO,Zener,TVS array,NUP3115UPMU,,6.8
D700	833119	NUP3115UPMU	DIO,Zener,TVS array,NUP3115UPMU,,6.8
F500	832138	750mA fast acting	MISC,FUSE,750mA fast acting,SMD,0402
L100	832803	22uH	Ind,Coil,22uH,570mA,SMD,3x3mm
L300	861116	470ohm@100Mhz	Ind,Bead,470ohm@100Mhz,500mA,SMD
L500	836172	60ohm @ 100MHz	Ind,Bead,60ohm @ 100MHz,3A,SMD,0603
L502	836172	60ohm @ 100MHz	Ind,Bead,60ohm @ 100MHz,3A,SMD,0603
L503	835456	370R@100MHz	Ind,Common Mode,370R@100MHz,280mA
L504	836172	60ohm @ 100MHz	Ind,Bead,60ohm @ 100MHz,3A,SMD,0603
L700	833117	2.2uH	Ind,Coil,2.2uH,600mA,SMD,0805
L801	861116	470ohm@100Mhz	Ind,Bead,470ohm@100Mhz,500mA,SMD
L802	865267	4.7 nH	Ind,Coil,4.7 nH,750 mA,SMD,0402
L803	865267	4.7 nH	Ind,Coil,4.7 nH,750 mA,SMD,0402
P3	831079	Molex 04759-0001	CONN,Micro USB,Micro USB AB,5,SMD
P4	835495	MicroFit 43045-1207	CONN,Microfit,MicroFit 43045-1207,14,1
P5	835494	MicroFit 43045-0807	CONN,Microfit,MicroFit 43045-0807,10,1
P7	835493	MicroFit 43045-1007	CONN,Microfit,MicroFit 43045-1007,12,1
P300	835488	6339191-4	CONN,LAN RJ45,6339191-4,14,SMD
Q100	939434	MMNUN2214LT1	Trans,BJT,NPN,MMNUN2214LT1,50V,100mA
Q101	939434	MMNUN2214LT1	Trans,BJT,NPN,MMNUN2214LT1,50V,100mA
Q102	939434	MMNUN2214LT1	Trans,BJT,NPN,MMNUN2214LT1,50V,100mA
Q103	939434	MMNUN2214LT1	Trans,BJT,NPN,MMNUN2214LT1,50V,100mA
Q104	939434	MMNUN2214LT1	Trans,BJT,NPN,MMNUN2214LT1,50V,100mA
Q400	836040	BSS138	Trans,FET,N-Ch,BSS138,50V,200mA,SOT23
Q401	836040	BSS138	Trans,FET,N-Ch,BSS138,50V,200mA,SOT23
Q402	836040	BSS138	Trans,FET,N-Ch,BSS138,50V,200mA,SOT23
Q403	836040	BSS138	Trans,FET,N-Ch,BSS138,50V,200mA,SOT23
Q404	836040	BSS138	Trans,FET,N-Ch,BSS138,50V,200mA,SOT23
R100	835497	2.2k	RES,2.2k,1%,0.25,SMD,MELF_0204,MELF
R101	835497	2.2k	RES,2.2k,1%,0.25,SMD,MELF_0204,MELF
R102	939147	1M	RES,1M,1%,0.25W,SMD,1206,THICKFILM
R103	835497	2.2k	RES,2.2k,1%,0.25,SMD,MELF_0204,MELF
R104	835497	2.2k	RES,2.2k,1%,0.25,SMD,MELF_0204,MELF
R105	835497	2.2k	RES,2.2k,1%,0.25,SMD,MELF_0204,MELF
R106	835497	2.2k	RES,2.2k,1%,0.25,SMD,MELF_0204,MELF
R107	835497	2.2k	RES,2.2k,1%,0.25,SMD,MELF_0204,MELF
R108	835497	2.2k	RES,2.2k,1%,0.25,SMD,MELF_0204,MELF
R109	835497	2.2k	RES,2.2k,1%,0.25,SMD,MELF_0204,MELF
R110	835497	2.2k	RES,2.2k,1%,0.25,SMD,MELF_0204,MELF
R111	836260	36k	RES,36k,1%,0.063W,SMD,0402,THICKFILM
R112	836260	36k	RES,36k,1%,0.063W,SMD,0402,THICKFILM
R113	836260	36k	RES,36k,1%,0.063W,SMD,0402,THICKFILM
R114	836260	36k	RES,36k,1%,0.063W,SMD,0402,THICKFILM
R115	836260	36k	RES,36k,1%,0.063W,SMD,0402,THICKFILM
R116	836260	36k	RES,36k,1%,0.063W,SMD,0402,THICKFILM
R117	836260	36k	RES,36k,1%,0.063W,SMD,0402,THICKFILM
R118	836260	36k	RES,36k,1%,0.063W,SMD,0402,THICKFILM

R119	836260	36k	RES,36k,1%,0.063W,SMD,0402,THICKFIL
R120	836260	36k	RES,36k,1%,0.063W,SMD,0402,THICKFIL
R200	939300	2.2k	RES,2.2k,1%,0.063W,SMD,0603,THICKFIL
R201	939275	11k	RES,11k,1%,0.063W,SMD,0603,THICKFIL
R202	836061	1.1k	RES,1.1k,1%,0.063W,SMD,0402,THICKFIL
R203	939300	2.2k	RES,2.2k,1%,0.063W,SMD,0603,THICKFIL
R204	939275	11k	RES,11k,1%,0.063W,SMD,0603,THICKFIL
R205	836061	1.1k	RES,1.1k,1%,0.063W,SMD,0402,THICKFIL
R206	939300	2.2k	RES,2.2k,1%,0.063W,SMD,0603,THICKFIL
R207	939275	11k	RES,11k,1%,0.063W,SMD,0603,THICKFIL
R208	836061	1.1k	RES,1.1k,1%,0.063W,SMD,0402,THICKFIL
R211	861297	3.6k	RES,3.6k,1%,0.063W,SMD,0402,THICKFIL
R212	862283	10R	RES,10R,1%,0.1W,SMD,0603,THICKFILM
R213	861297	3.6k	RES,3.6k,1%,0.063W,SMD,0402,THICKFIL
R214	861297	3.6k	RES,3.6k,1%,0.063W,SMD,0402,THICKFIL
R216	861263	0R	RES,0R,,0.063W,SMD,0402,JUMPER
R217	836095	10k	RES,10k,1%,0.063W,SMD,0402,THICKFIL
R218	836095	10k	RES,10k,1%,0.063W,SMD,0402,THICKFIL
R219	861297	3.6k	RES,3.6k,1%,0.063W,SMD,0402,THICKFIL
R300	836095	10k	RES,10k,1%,0.063W,SMD,0402,THICKFIL
R301	836095	10k	RES,10k,1%,0.063W,SMD,0402,THICKFIL
R302	836095	10k	RES,10k,1%,0.063W,SMD,0402,THICKFIL
R303	932314	47R	RES,47R,1%,0.063W,SMD,0603,THICKFIL
R304	932314	47R	RES,47R,1%,0.063W,SMD,0603,THICKFIL
R305	862283	10R	RES,10R,1%,0.1W,SMD,0603,THICKFILM
R306	932314	47R	RES,47R,1%,0.063W,SMD,0603,THICKFIL
R307	830430	75R	RES,75R,5%,0.063W,SMD,0603,THICKFIL
R308	830430	75R	RES,75R,5%,0.063W,SMD,0603,THICKFIL
R310	932314	47R	RES,47R,1%,0.063W,SMD,0603,THICKFIL
R311	932312	1M	RES,1M,1%,0.063W,SMD,0603,THICKFIL
R314	830430	75R	RES,75R,5%,0.063W,SMD,0603,THICKFIL
R315	830430	75R	RES,75R,5%,0.063W,SMD,0603,THICKFIL
R316	836067	330R	RES,330R,1%,0.063W,SMD,0402,THICKFI
R317	944039	6.8k	RES,6.8k,1%,0.063W,SMD,0603,THICKFIL
R318	836067	330R	RES,330R,1%,0.063W,SMD,0402,THICKFI
R319	836095	10k	RES,10k,1%,0.063W,SMD,0402,THICKFIL
R320	939259	5.6k	RES,5.6k,1%,0.063W,SMD,0603,THICKFIL
R321	939147	1M	RES,1M,1%,0.25W,SMD,1206,THICKFILM
R322	861263	0R	RES,0R,,0.063W,SMD,0402,JUMPER
R400	836128	820k	RES,820k,1%,0.063W,SMD,0402,THICKFI
R401	932314	47R	RES,47R,1%,0.063W,SMD,0603,THICKFIL
R402	836128	820k	RES,820k,1%,0.063W,SMD,0402,THICKFI
R403	932314	47R	RES,47R,1%,0.063W,SMD,0603,THICKFIL
R404	836128	820k	RES,820k,1%,0.063W,SMD,0402,THICKFI
R405	932314	47R	RES,47R,1%,0.063W,SMD,0603,THICKFIL
R406	836067	330R	RES,330R,1%,0.063W,SMD,0402,THICKFI
R407	836067	330R	RES,330R,1%,0.063W,SMD,0402,THICKFI
R408	836128	820k	RES,820k,1%,0.063W,SMD,0402,THICKFI
R409	836128	820k	RES,820k,1%,0.063W,SMD,0402,THICKFI
R501	832863	15R	RES,15R,1%,0.1W,SMD,0603,THICKFILM

R502	832863	15R	RES,15R,1%,0.1W,SMD,0603,THICKFILM
R503	939147	1M	RES,1M,1%,0.25W,SMD,1206,THICKFILM
R705	861297	3.6k	RES,3.6k,1%,0.063W,SMD,0402,THICKFILM
R706	861029	22R	RES,22R,1%,0.063W,SMD,0603,THICKFILM
R707	861297	3.6k	RES,3.6k,1%,0.063W,SMD,0402,THICKFILM
R708	861029	22R	RES,22R,1%,0.063W,SMD,0603,THICKFILM
R709	861297	3.6k	RES,3.6k,1%,0.063W,SMD,0402,THICKFILM
R710	861297	3.6k	RES,3.6k,1%,0.063W,SMD,0402,THICKFILM
R711	861297	3.6k	RES,3.6k,1%,0.063W,SMD,0402,THICKFILM
R712	830873	470R	RES,470R,1%,0.063W,SMD,0402,THICKFILM
R801	836199	4.3k	RES,4.3k,1%,0.063W,SMD,0402,THICKFILM
RLY100	835498	IM03JR	RELAY,Signal relay,IM03JR,2A,SMD
RLY101	835498	IM03JR	RELAY,Signal relay,IM03JR,2A,SMD
RLY102	835498	IM03JR	RELAY,Signal relay,IM03JR,2A,SMD
RLY103	835498	IM03JR	RELAY,Signal relay,IM03JR,2A,SMD
RLY104	835498	IM03JR	RELAY,Signal relay,IM03JR,2A,SMD
SW400	835499	TAF-12WQR	SW,Mini tactile,Momentary,TAF-12WQR
SW401	835499	TAF-12WQR	SW,Mini tactile,Momentary,TAF-12WQR
U100	835489	ISE0503A	IC,Regulator Switching,Isolated DCDC 15V
U200	836363	EFM32GG990F1024	IC,Microcontroller,Giant Gecko,EFM32GG990
U201	835479	256Mbit	IC,Memory,NOR FLASH,256Mbit,2.7V-3.6V
U300	835486	W5500	IC,Misc,Ethernet controller,W5500,3.3V
U301	835487	PT61018PEL	Transformer,LAN Magnetics,PT61018PEL
U500	861275	LM1117	IC,Regulator Linear,LDO 3.3V,LM1117,4.0
U700	832059	STM32F427IIH6	IC,Microcontroller,Cortex M4,STM32F427
U701	835477	SP-7DZX	IC,RF,WIFI chip,SP-7DZX,3V - 4.8V
U702	835479	256Mbit	IC,Memory,NOR FLASH,256Mbit,2.7V-3.6V
U801	836194	CC2590	IC,RF,Front End 2.4GHz,CC2590,2.0V - 3.0V
U802	865278	AT86RF233	IC,RF,Tranceiver Low Power 2.4GHz,AT86RF233
X200	835155	48MHz	Resonator,CRYSTAL,SMD,48MHz
X201	836123	32.768KHz	Resonator,Crystal MC146 12.5pF/20ppm
X300	832106	25MHz	Resonator,Crystal,SMD,25MHz
X700	836258	26MHz	Resonator,CRYSTAL,SMD,26MHz
X701	836123	32.768KHz	Resonator,Crystal MC146 12.5pF/20ppm
X801	836109	16MHz	Resonator,CRYSTAL,SMD,16MHz

